thereof supplemented by reference to the numbered components of the figures. As a minimum it is contended that all of the claims read on Species II and should be examined in regard to species II.

In reviewing the specification and claims in preparation of this response it was noted that a feature shown in Figure 1 was not set forth in the specification namely the attachment point 12 of the fluid delivery tube to the top of the infusion device and the second chamber, namely the delivery chamber. A proposed correction of Figure 1 indicating this element and showing the attachment, and an amendment of the specification at page 6 is included herein. It was also noted that, in Figure 2, the element designation 60 was inadvertently used to designate the needle, in conflict with element 60 used in Figure 1 to designate the flow restrictor (162 in Fig 2). Accordingly a correction to Figure 2 replacing 60 with 162, and an amendment of the first paragraph on page 8 to conform therewith has been submitted. It is submitted that neither of theses changes constitutes new matter, the changes being fully supported by the specification, drawings and original claims as filed, and they are submitted solely to conform the specification, drawings and originally filed claims to each other.

It was also noted that the terms "storage chamber" and "outflow chamber" in claim 8 have no antecedent basis. Accordingly, claim 8 is hereby amended to replace said terms with "first chamber" and "second chamber" respectively.

It is respectfully requested that the amendments submitted herein be entered, that all of the claims be examined and that the requirement for election of species be withdrawn.

No claims have been added by this amendment. It is respectively submitted that the claims are patentable, fully supported by the Specification and not shown by the prior art. It is requested that the claims be found to be patentable and a Notice of Allowance be issued.

Respectfully submitted,

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ATTACH: MARKED UP DRAWINGS (2 Pages)

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MARKED UP AMENDED
CLAIMS NOVEMBER 26, 2002

8. An infusion device for delivering a quantity of fluid into a living body at substantially constant flow-rate, comprising:

a first chamber for storing a volume of the fluid,

a second chamber operatively attached to the first chamber for receiving fluid from the first chamber,

a regulator means located between the first chamber and the second chamber, said regulator means functioning to maintain the pressure in the second chamber at a preselected outflow pressure while allowing fluid to be transferred from the [storage] first chamber to the [outflow] second chamber, a pressurizing means for maintaining the pressure within the first chamber above the preselected outflow pressure,

said first chamber including fluid input means and said second chamber including means for attachment thereto of a fluid delivery tube, said fluid delivery tube including flow restrictor means through which fluid in the [outflow] second chamber is delivered to a patient.

MARKED UP OF CHANGES TO SPECIFICATION

AMENDED PAGE 6

--Fluid from the outflow chamber 30 is infused into the patient through a flow restrictor 60 and catheter 70 which are attached to the top 12 of the infusion pump 10 and control the flow rate of the fluid.--

MARKED UP OF CHANGES TO SPECIFICATION

AMENDED PAGE 8

--The flow rate of a fluid through a flow restricting device is dependent on the pressure drop across the flow restricting device. By maintaining a constant pressure in the outflow chamber of the pump, the amount of drug administered to the patient will be constant. As shown in the embodiment of Fig. 2, a catheter assembly 170, including a flow restrictor tube 160 with a needle [60] 162 attached to the end of the catheter using a cyanoacrylate adhesive filler material, is utilized. The flow rate of the flow restrictor tube 170 had been measured and calibrated using flowing water at 6.0 psi. The actual flow rate was then determined, and the length of restrictor tube was cut to obtained the desired flow rate. After the flow restrictor tubing had been trimmed, a polyurethane catheter was placed over the flow restrictor tube and sealed to the needle using cyanoacrylate adhesive to form the catheter assembly 170. While particular types of flow restrictors are described, it will be appreciated that other styles of fluid delivery devices might be attached to the infusion pump to administer the drug solution to the patient.--

FIG. 1

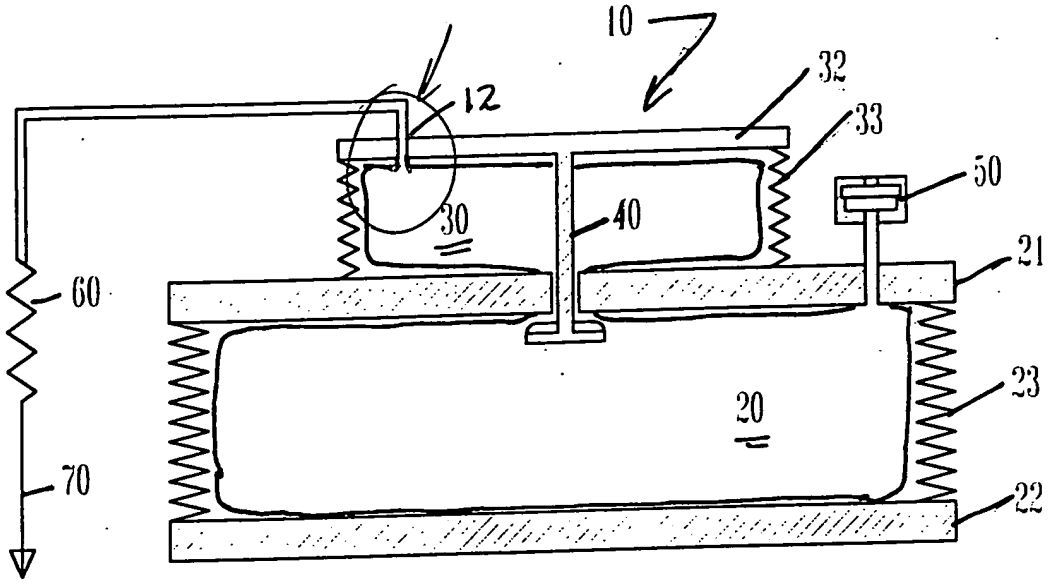

FIG. 2